



OrderPatent

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 090636:

(43) Date of publication of application: 07.03. *

(51) Int. Cl. H01M 8/10

H01M 4/86, H01M 4/88, H01M 8/02

(21) Application number: 07220778

(22) Date of filing: 29.08.1995

(71) Applicant: MITSUBISHI ELECTRIC COF

(72) Inventor: MAEDA HIDEO
MITSUTA KENRO
URUSHIBATA HIROAKI

(54) MANUFACTURE OF SOLID POLYMER FUEL CELL AND SOLID POLYMER FUEL CELL

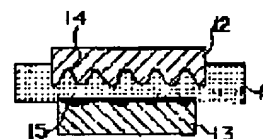
(57) Abstract:

PROBLEM TO BE SOLVED: To avoid loss due to short-circuiting while keeping a function of a fuel cell.

SOLUTION: A first catalytic layer 14 is formed on one side of a solid polymer electrolytic membrane 11 and at the same time a second catalytic layer 15 is formed on the surface of an electrode substrate of a cathode 13 and then an anode 12 is layered on the first cat-

alytic layer 14. Next, a second catalytic layer the cathode 13 is formed on the other side of the polymer electrolytic membrane 11 and respective electrodes 12, 13 are united with the solid polymer electrolytic membrane 11 by press-bonding.

COPYRIGHT: (C)1997 JPO



BEST AVAILABLE COPY